<u>*</u>	Application No.		
	09/134,771		
Notice of Allowability	Examiner	Art Unit	
	Sumesh Kaushal Ph.D.	1636	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL- NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in the 85) or other appropriate communion RIGHTS. This application is sub-	is application. If not include cation will be mailed in due o	ed course. THIS
1. \square This communication is responsive to $\underline{11/07/03}$.			
2. The allowed claim(s) is/are <u>1-25 and 27</u> .			
3. \square The drawings filed on <u>08/12/98</u> are accepted by the Example 1.	aminer.		
4. ☐ Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents h 2. ☐ Certified copies of the priority documents h 3. ☐ Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be surpressed in the priority which 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") is a concluding changes required by the Notice of Drafts.	ave been received. ave been received in Application of documents have been received in TE" of this communication to file a NMENT of this application. Abmitted. Note the attached EXAM gives reason(s) why the oath or domust be submitted.	No In this national stage application of the recomplying with the recomplying with the recomplex AMENDMENT or Neclaration is deficient.	quirements
1) hereto or 2) to Paper No./Mail Date		, 10 o toj aliaolioa	
(b) ☐ including changes required by the attached Examin Paper No./Mail Date	ner's Amendment / Comment or in		
Identifying indicia such as the application number (see 37 CF each sheet. Replacement sheet(s) should be labeled as such	R 1.84(c)) should be written on the in the header according to 37 CFR	drawings in the front (not the 1.121(d).	back) of
7. DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREME	eposit of BIOLOGICAL MATER NT FOR THE DEPOSIT OF BIOL	RIAL must be submitted. N OGICAL MATERIAL.	Vote the
Attachm nt(s)			
1. Notice of References Cited (PTO-892)		rmal Patent Application (PTC	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-94	l8) 6. ☐ Interview Sum Paper No./M	nmary (PTO-413), ail Date	
3. Information Disclosure Statements (PTO-1449 or PTO/S Paper No./Mail Date	SB/08), 7. 🛭 Examiner's Ar	mendment/Comment	
4. Examiner's Comment Regarding Requirement for Depos	_	tatement of Reasons for Allo	wance
of Biological Material	9.	A A~	
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lawrence S. Graham on 02/02/04.

The application has been amended as follows:

IN THE CLAIMS

Claim 26 was canceled.

Claims 1 and 6 were amended as below:

Claim 1 (*currently amended*). A method for producing a conditionally-immortalized human mesencephalon neural progenitor cell, comprising:

- (a) plating human mesencephalon cells on a first surface and in first growth medium that permits proliferation;
- (b) transfecting said progenitor cells with DNA encoding a selectable marker and an externally regulatable growth-promoting protein; and
- (c) selecting an adherent monolayer of the transfected cells on a second surface and in a second serum-free growth medium that permits attachment and proliferation, wherein the second serum-free growth medium comprises FGF-2, EGF and PDGF, and therefrom producing a conditionally immortalized human mesencephalon cells in which the growth-promoting protein is regulated by an external factor, such that suppression of the growth promoting protein results in differentiation of the cell into a neuron in the presence of differentiating agents comprising forskolin, GDNF, CNTF, IGF-1 and BDNF.

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Claim 6 (*currently amended*). A conditionally-Immortalized human mesencephalon neural progenitor cell capable of differentiation into neurons in the presence of differentiating agents comprising forskolin, GDNF, CNTF, IGF-1 and BDNF, wherein the cell is transfected with DNA encoding a growth-promoting protein that is regulated by an external factor, such that suppression of the growth-promoting protein results in differentiation of the cell into a neuron, and wherein the cell is polygonal and grows as an adherent monolayer.

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REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Claims 1-25 and 27 are free of prior art of record because prior art does not teach or suggest a conditionally-Immortalized human mesencephalon neural progenitor cell and method of producing the same, wherein the conditionally-Immortalized mesencephalon neural progenitor cell differentiate into neurons in the presence of differentiating agents comprising forskolin, GDNF, CNTF, IGF-1 and BDNF.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sumesh Kaushal Ph.D. whose telephone number is 571-272-0769. The examiner can normally be reached on Mon-Fri. from 9AM-5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Irem Yucel Ph.D. can be reached on 571-272-0781. The fax phone numbers for the organization where this application or proceeding is assigned is **703-872-9306**. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is **703-308-0196**.

S. Kaushal Patent examiner

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